Umaboy®

Shree Umiya F-Tech Machines

Umaboy®

Shree Umiya F-Tech Machines

INDIA'S TOP LEADING

WOOD WORKING MACHINES INDUSTRY

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40+ YEARS

EXPERTISE

www.shreeumiya.com

VERSION 02 | 22 | 25

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SLIDING TABLE

PANEL SAW / UPS 3200A

This machine is designed to efficiently cut solid wood, plywood, MDF, particle board, and various types of laminated boards. It features a compact, rigid structure that ensures HIGH PRECISION and reliable performance.

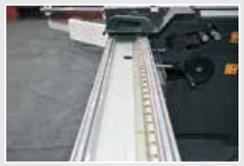
WATCH NOW

SAW UNIT

- High precision cutting.
- Main saw RPM 4000/6000
- Noise less standardized motor.
- Easy up-down of main saw and scoring saw.
- Left & right movement of scoring saw.

SCORING UNIT

- With high RPM : 8000
- Scoring unit helps to cut a laminate or any type of wood beneath.
- Burr free cutting.
- The scoring saw blades rotate in the opposite direction to the main saw.



Sliding Table

- Extremely smooth running and multi chamber system with linear steel bar bearing for high life.

CROSS CUT FENCE

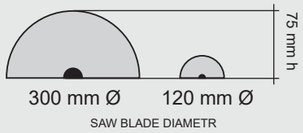
- Equipped with locking stopper for fixing measurement.
- 79" aluminum single stroke fence.
- Equipped with enhance glass for better visibility on measurement.

The Rip Fence

- For easy operation, smooth running with precise measurement cutting.
- In 3200A model rip fence operating with manually cutting capacity 1220mm.

Angle Fence

- Accurate angle adjustments, efficient operation and calibration are all made possible by the precise angle meter.
- Helping to cut any type of angle.



45° DEGREE CUT

3000/4000/ 6000 RPM SPEED

5.5/0.75 KW MOTOR

Pneumatic Clamp (OPTIONAL)

- The fence can be attached to the sliding table without the use of tools.
- The end stop provides you with the exact 90° position.
- The large crosscut fence stops are constructed in such a way that a small tongue on the stop fits perfectly into a groove on the fence.

TECHNICAL SPECIFICATIONS

MODEL	UPS 3200A
Dimension Of Sliding Table	3200 x 375 mm
Gross Cut Capacity	3200 mm
Width Of Cut Between Saw Blade And Rip Fence	1220 mm
Saw Blade Diameter	300 mm
Height Of Cut	75 mm
Height Of Cut (in 45°)	50 mm
Speed Of Main Saw Spindle	4000/6000 rpm
Spindle Diameter	30 mm
Tilting Saw Blade	0-45°
Main Motor	5.5 kw
Scoring Saw Blade Diameter	120 mm
Speed Of Scoring Saw Blade	8000r/min
Scoring Spindle Diameter	20 mm
Scoring Motor	0.75kw
Overall Dimensions	3200 x 3200 x 900 mm
Rip Fence Movement	Manual
45° Tilt	Manual
Cutter Up Down Movement	Manual

SLIDING TABLE

PANEL SAW / UPS 3200 A.HV

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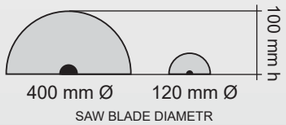


45° DEGREE CUT

3000/4000/ 6000 RPM SPEED

5.5/0.75 KW MOTOR

SAW UNIT

- High precision cutting.
- Main saw RPM 4000/6000
- Noise less standardized motor.
- Easy up-down of main & scoring saw.
- Left & right movement of scoring saw.

SCORING UNIT

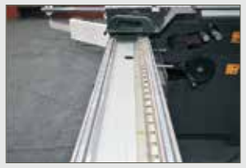
- Scoring unit helps to cut a laminate or any type of wood beneath.
- Burr free cutting.
- The scoring saw blades rotate in the opposite direction to the main saw.

Control Panel

- Motorized Up-Down Movement for main & scoring saw.
- Emergency STOP Button
- 45° Degree Tilting button
- Saw start / stop button

Pneumatic Clamp (OPTIONAL)

- The fence can be attached to the sliding table without the use of tools.
- The end stop provides you with the exact 90° position.
- The large crosscut fence stops are constructed in such a way that a small tongue on the stop fits perfectly into a groove on the fence.



SLIDING TABLE

- Extremely smooth running and multi chamber system with linear steel bar bearing for high life.

CROSS CUT FENCE

- Equipped with locking stopper for fixing measurement.
- Equipped with enhance glass for better visibility on measurement.

The Rip Fence

- For easy operation, smooth running with precise measurement cutting.
- In 3200A model rip fence operating with manually cutting capacity 1220mm.

Angle Fence

- Accurate angle adjustments, efficient operation and calibration are all made possible by the precise angle meter.
- Helping to cut any type of angle.

TECHNICAL SPECIFICATIONS

MODEL	UPS 3200 A.HV
Dimension Of Sliding Table	3200 x 415 mm
Gross Cut Capacity	3200 mm
Width Of Cut Between Saw Blade And Rip Fence	1220 mm
Saw Blade Diameter	400 mm (250-400)
Height Of Cut (Without Scoring)	100 mm
Height Of Cut (in 45°)	65 mm
Speed Of Main Saw Spindle	4000/6000 rpm
Spindle Diameter	30 mm
Tilting Saw Blade	0-45°
Main Motor	7.5 HP
Scoring Saw Blade Diameter	120 mm
Speed Of Scoring Saw Blade	8000 r/min
Scoring Spindle Diameter	20 mm
Scoring Motor	1 HP
Overall Dimensions	3860 x 3400 x 1400 mm
Rip Fence Movement	Manual
45° Tilt	Motorized
Main / Scoring Saw Up Down Movement	Motorized

SLIDING TABLE

PANEL SAW / UPS 3200 A++

This machine is designed to efficiently cut solid wood, plywood, MDF, particle board, and various types of laminated boards. It features a compact, rigid structure that ensures HIGH PRECISION and reliable performance.

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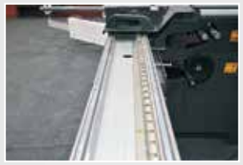
WATCH NOW

SAW UNIT

- High precision cutting.
- Main saw RPM 4000/6000
- Noise less standardized motor.
- Easy up-down of main saw and scoring saw.
- Left & right movement of scoring saw.

SCORING UNIT

- With high RPM : 8000
- Scoring unit helps to cut a laminate or any type of wood beneath.
- Burr free cutting.
- The scoring saw blades rotate in the opposite direction to the main saw.



Sliding Table

- Extremely smooth running and multi chamber system with linear steel bar bearing for high life.

CROSS CUT FENCE

- Equipped with locking stopper for fixing measurement.
- 79" aluminum single stroke fence.
- Equipped with enhance glass for better visibility on measurement.

N.C Controlled Rip Fence

- Error Less Accurate movement of rip fence
- Controlled by servo motor
- Serial movement can be performed by just one touch according to PLC data list

PLC touch screen

- Easy accessible, user friendly smart touch PLC control panel. Eye-level operating panel for the ease of operation

The Rip Fence

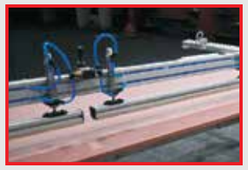
- For easy operation, smooth running with precise measurement cutting.
- In 3200A model rip fence operating with manually cutting capacity 1220mm.

Angle Fence

- Accurate angle adjustments, efficient operation and calibration are all made possible by the precise angle meter.
- Helping to cut any type of angle.

Cutter Operating Panel

- Motorized cutter up-down movement for main saw cutter and scoring cutter.



Pneumatic Clamp (OPTIONAL)

- The fence can be attached to the sliding table without the use of tools.
- The end stop provides you with the exact 90° position

SAW BLADE DIAMETR

45° DEGREE CUT

3000/4000/ 6000 RPM SPEED

5.5/0.75 KW MOTOR

TECHNICAL SPECIFICATIONS

MODEL	UPS 3200 A++
Dimension Of Sliding Table	3200 x 415 mm
Gross Cut Capacity	3200 mm
Width Of Cut Between Saw Blade And Rip Fence	1220 mm
Saw Blade Diameter	400 mm (250-400)
Height Of Cut	100 mm
Height Of Cut (in 45°)	65 mm
Speed Of Main Saw Spindle	4000/6000 rpm
Spindle Diameter	30 mm
Tilting Saw Blade	0-45°
Main Motor	5.5kw
Scoring Saw Blade Diameter	120 mm
Speed Of Scoring Saw Blade	8000r/min
Scoring Spindle Diameter	20 mm
Scoring Motor	0.75kw
Overall Dimensions	3860 x 3400 x 1400 mm
Rip Fence Movement	NC Controlled
45° Tilt	Motorized
Cross Cut Fence Read Out	DIGITAL
PLC Touch Screen	YES
Main / Scoring Saw Up Down Movement	Motorized

AUTOMATIC CNC HIGH SPEED

BEAM SAW / UBS 3200+ / 3200 / 2800

Maximum production output with excellent cutting of multiple panels

WATCH NOW

TECHNICAL SPECIFICATIONS

MODEL	UBS3200+	UBS3200	UBS2800
Saw Cutting Length	3200 mm	3200 mm	2800 mm
Saw Cutting Thickness	120 mm	100 mm	100 mm
Diameter Of Main Saw Blade	Ø 450mm	Ø 400mm	Ø 400 mm
Diameter Of Main Saw Blade Shaft	Ø 75 mm	Ø 75 mm	Ø 75 mm
Revolving Speed Of Main Saw Blade	4800 r/min	4800 r/min	4800 r/min
Diameter Of Scoring Saw Blade	Ø 180 mm	Ø 180 mm	Ø 180 mm
Diameter Of Scoring Saw Blade Shaft	Ø 50 mm	Ø 50 mm	Ø 50 mm
Revolving Speed Of Scoring Saw Blade	6900r/min	6900r/min	6900r/min
Advance Speed Of Saw Base (stepless)	9-50 m/min	9-50 m/min	9-50 m/min
Back Speed Of Saw Base	100 m/min	100 m/min	100 m/min
Drive Motor Of Saw Base	1 kw	1 kw	1 kw
Drive Motor Of Main Saw Blade	15 kw	15 kw	15 kw
Automatic Feeding Motor	1.5 kw	1.5 kw	1.5 kw
Automatic Feeding Speed	50m/min	50m/min	50m/min
Operating Pressure	5~8 kg/cm	5~8 kg/cm	5~8 kg/cm

SALIENT FEATURES

- Servo driver in feeding, and set the position with high precision immediately and with high speed feeding.
- This machine can reduce the cutting time, according the work piece's width. For example, If the work piece's width is 1000mm, then the saw only travel 1000mm.
- There is a rectify a deviation device. It can push the work piece to the fence backer automatically. So that it can cut with a high precision in right angle. The correcting rollers adopt double-roller, it can choose the right width of workpiece automatically to correct the cutting position. And the robot hand, it can protect the surface of board by the adjustable holding power. It also can work grouped. (For example, the workpiece's width is 1000mm, then the robot hand will work only, which is in the range of workpiece's width. Not all the robot hand.)
- Servo motor, guide line and rack can supply the high speed moving for saw unit. It can set accurate cutting time by servo driver. Also can detect cutting length automatically.

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Body Frame

The steel frame welded with heavy steel plates is made by tip-top metal processing center.

Pressure Beam

Applying same pressure on entire surface of board while cutting.

Panel Grippers

Strong and accurate clamping for perfect feeding performance.

Operating Panel

Control System With USB Interface mouse and key board Easy operation of Optimization software

Air Flotation Table

For smooth movement of panel board. | Steel balls on table prevent scratches on surface.

Servo Driven System

This system ensure fast and accurate working of panels

Maximum Height of Cut

Saw Carriage is designed to cut maximum 120 MM of panel height

Saw Carriage

Standard assembly for high precision chip-free cutting

WATCH NOW

HIGHSPEED AUTOMATIC

EDGE BANDER / UEB 990 PUR

Heavy duty automatic edge banding machine for large scale production

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Shree Umiya F-Tech Machines

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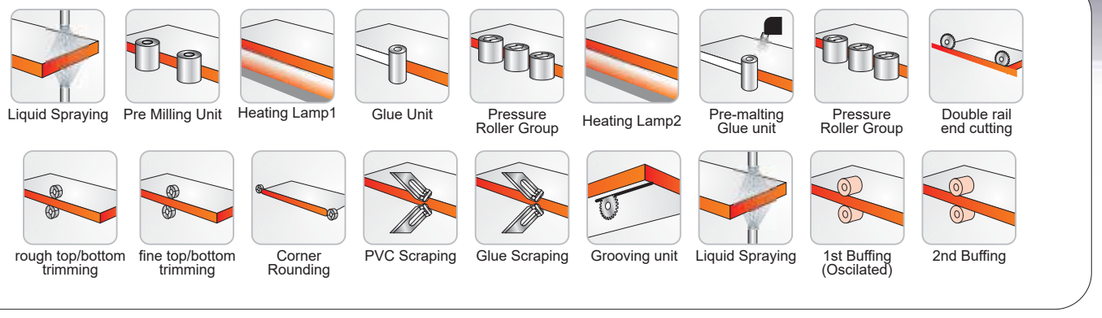


DOUBLE RAIL END CUTTING SYSTEM

Both Side end cutting Performed by individual high RPM spindle motor both spindle travels on saprate guide rail with saprate pneumatic air cylinder which will help to achieve high speed end cutting.

Optional

SILICON BELT CONVEYOR SYSTEM

The silicon belt is highly effective for gripping narrow panels and prevents panel vibration during operations.

Suspension is not available in the middle of the conveyor.

PUR GLUE JET SYSTEM

Unmatched precision at the highest level.

Top quality, highly flexible, time and energy saving

High strength joint for extremely long service life.

Multiple colours can be operate.

Heat and water-resistant, offering superior quality benefits across all areas of cabinet making.

SALIENT FEATURES

- High end machining performance **High speed processing** with user friendly and trouble free operation
- Equipped with **Silicon belt conveyer**
- **Motorized up-down** of conveyor belt
- Equipped with **Diamond pre milling Cutter**
- Thanks to **Double glue pot system** which will allows for using **PUR** & **EVA** glue without changing glue pot
- Also equipped **Pre melting glue pot**
- **Safety air tank** for constant supply of air to machine

TECHNICAL SPECIFICATIONS

Model	990 PUR
Electric Level	415-220/50 hz
Edge Material Thickness	0.4-3 mm
Panel Thickness	10-60 mm
Minimum Width Of The Panel	50 mm
Minimum Leangth Of The Panel	120 mm
Conveyer Speed	14/18/23 m/min
Conveyer Thickness Adjustment	Electric
Conveyer Up/down	0.37 kw
Total Electric Power	30 kw
Total Air Pressure	6-8 bars
Pre-milling Motor Power	2x2.2kw
End Cutting Unit Power	2x0.55kw
Top/bottom Fine-triming Unit Power	2x0.55kw
Top/bottom Rough-triming Unit Power	2x0.55kw
Corner Rounding Unit Power	2x0.3kw
Grooving Unit Motor Power	4kw
Max. Depth Of Grooving	12 + 9 mm blade
1st Buffing Unit (oscillated) Power	2x0.37 kw
2nd Buffing Unit Power	2x0.37 kw
Overall Size (l X H X W)	10400 X 1750 X 1000

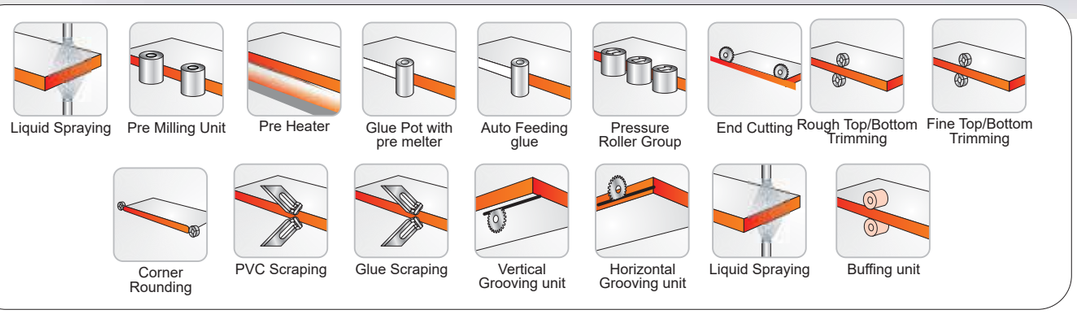
HIGHSPEED AUTOMATIC

EDGE BANDER / UEB 960 PUR

Heavy duty automatic edge banding machine for large scale production

Umaboy®
Shree Umiya F-Tech Machines

WATCH NOW



SALIENT FEATURES

- High end machining performance **High speed processing** with user friendly and trouble free operation
- **Motorized up-down** of conveyor belt
- Equipped with **Diamond pre milling Cutter**
- Thanks to **Double glue pot system** which will allows for using **PUR** & **EVA** glue without changing glue pot
- Also equipped **Pre melting glue pot**
- **Safety air tank** for constant supply of air to machine

PUR GLUE JET SYSTEM

The PUR GLUE JET system is an optional feature that can be installed in the machine based on specific requirements and extra cost

It's offering flexibility and customization to suit varying production needs.

TECHNICAL SPECIFICATIONS

Model	960 PUR
Electric Level	415-220/50 hz
Edge Material Thickness	0.4-3 mm
Panel Thickness	10-60 mm
Minimum Width Of The Panel	50 mm
Minimum Length Of The Panel	120 mm
Conveyer Speed	14/18/22 m/min
Conveyer Thickness Adjustment	Electric
Conveyer Up/down	0.18 kw
Total Electric Power	25 kw
Total Air Pressure	6-8 bars
Pre-milling Motor Power	2 x 2.2 kw
End Cutting Unit Power	2 x 0.75 kw
Top/bottom Fine-triming Unit Power	2 x 0.75 kw
Top/bottom Rough-triming Unit Power	2 x 0.75 kw
Corner Rounding Unit Power	2 x 0.37 kw
Grooving Unit Motor Power	V - 3 kw | H - 4 kw
Max. Depth Of Grooving	V - 12 + 9 mm
1st Buffing Unit (oscillated) Power	2x0.37 kw
Overall Size (l X H X W)	7700 X 1600 X 1050

HIGHSPEED AUTOMATIC

EDGE BANDER UEB 860 PCGD / 860 PC / 860 C / 860

Maximum production output with excellent cutting of multiple panels

Umaboy®
Shree Umiya F-Tech Machines

WATCH NOW

MODEL NO:	Pre Milling Unit	Glue Unit	Pressure Roller Group	End Cutting	Fine Top/Bottom Trimming 1	Fine Top/Bottom Trimming 2	Corner Rounding	PVC Scraping	Glue Scraping	Grooving Unit	Liquid Spraying	Buffing Unit
UEB -860 PCGD	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
UEB - 860 PC	✓	✓	✓	✓	X	✓	✓	✓	✓	X	✓	✓
UEB - 860 C	X	✓	✓	✓	X	✓	✓	✓	✓	X	✓	✓
UEB - 860	X	✓	✓	✓	X	✓	X	✓	X	X	X	✓

SALIENT FEATURES

- High end machining performance **High speed processing** with user friendly and trouble free operation
- Smart Touch PLC System integrated with encoder controlled every functions of the machines which gives accurate functioning
- **Motorized up-down** of conveyor belt
- Equipped with **Diamond pre milling Cutter**
- Teflon coated glue pot easy for cleaning, 2.5 kg capacity of EVA glue
- **Safety air tank** for constant supply of air to machine
- Extra Supporting Roller to operate up to 50 mm panel board
- Top & Bottom trimming of panel is performing with double station **FINE TRIMMING**
- **GROOVING STATION** is value added function for back panel grooving

TECHNICAL SPECIFICATIONS

MODEL	UEB 860 PCGD
Electric Level	415-220 / 50 HZ
Edge Material Thickness	0.4 - 3 MM
Panel Thickness	10 - 60 MM
Minimum Width Of The Panel	50 MM
Minimum Length Of The Panel	120 MM
Conveyor Speed	14 / 18 / 22 M/Min
Conveyer Thickness Adjustment	Electric
Conveyer Up/Down Motor	0.18 kw
Total Electric Power	20 kw
Total Air Pressure	6 - 8 Bars
Pre-milling Motor Power	2 x 2.2 kw
End Cutting Unit Power	2 x 0.75 kw
Top / Bottom Fine Trimming Power 1	2 x 0.75 kw
Top / Bottom Fine Trimming Power 2	2 x 0.75 kw
Corner Rounding Power	2 x 0.37 kw
Grooving Unit Power	3 kw
Maximum Depth Of Grooving	12 + 9 mm
Buffing Unit Power	2 x 0.37 kw
Overall Size (IN MM)	7300 x 1600 x 1050 MM

HIGHSPEED AUTOMATIC

EDGE BANDER / UEB 640 PCGD

Maximum production output with excellent cutting of multiple panels

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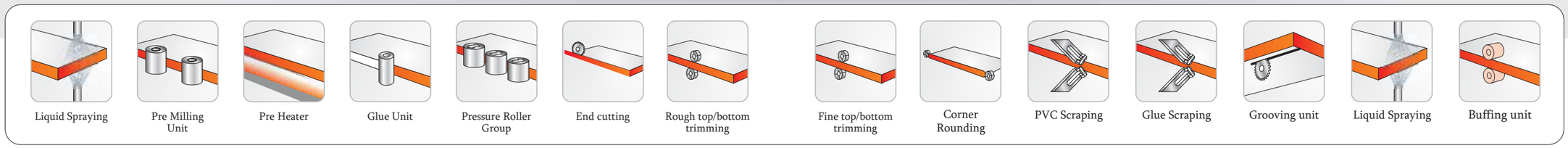

UEB-640 PCGD is engineered to meet the diverse needs of both smaller and larger woodworking operations.

SALIENT FEATURES

- High end machining performance **High speed processing** with user friendly and trouble free operation
- Smart Touch PLC System integrated with encoder controlled every functions of the machines which gives accurate functioning
- **Motorized up-down** of conveyor belt
- Equipped with **Diamond Pre milling cutter**
- Teflon coated glue pot easy for cleaning, 2.5 kg capacity of EVA glue
- **Safety air tank** for constant supply of air to machine

Optional Accessories

Upper Glue pot is Optional

TECHNICAL SPECIFICATIONS

Model	640 PCGD
Electric Level	415-220/50 hz
Edge Material Thickness	0.4-3 mm
Panel Thickness	10-50 mm
Minimum Width Of The Panel	60 mm
Minimum Leangth Of The Panel	130 mm
Conveyer Speed	14 / 16 / 18 m/min
Conveyer Thickness Adjustment	Electric
Conveyer Up/down	0.18 kw
Total Electric Power	16.5 kw
Total Air Pressure	6-8 bars
Pre-milling Motor Power	2 x 2.2 kw
End Cutting Unit Power	2 x 0.75 kw
Top/bottom Fine-triming Unit Power	2 x 0.75 kw
Top/bottom Rough-triming Unit Power	2 x 0.75 kw
Corner Rounding Unit Power	2 x 0.37 kw
Grooving Unit Motor Power	3 kw
Max. Depth Of Grooving	12 + 9 mm
Buffing Unit Power	2 x 0.37 kw
Overall Size (l X H X W)	5700 X 1600 X 1000

HIGHSPEED AUTOMATIC

EDGE BANDER / UEB 540 PC

Maximum production output with excellent cutting of multiple panels

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Shree Umiya F-Tech Machines

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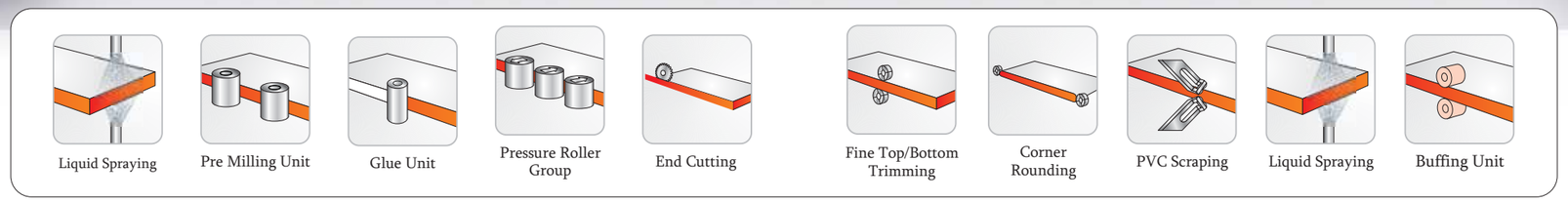


Designed for highest requirements in terms of quality and stands for complete processing of modern edge banding solution.

SALIENT FEATURES

- High end machining performance **High speed processing** with user friendly and trouble free operation
- Smart Touch PLC System integrated with encoder controlled every functions of the machines which gives accurate functioning
- **Motorized up-down** of conveyor belt
- Equipped with **Diamond pre milling Cutter**
- Teflon coated glue pot easy for cleaning, 2.5 kg capacity of EVA glue
- **Safety air tank** for constant supply of air to machine

TECHNICAL SPECIFICATIONS

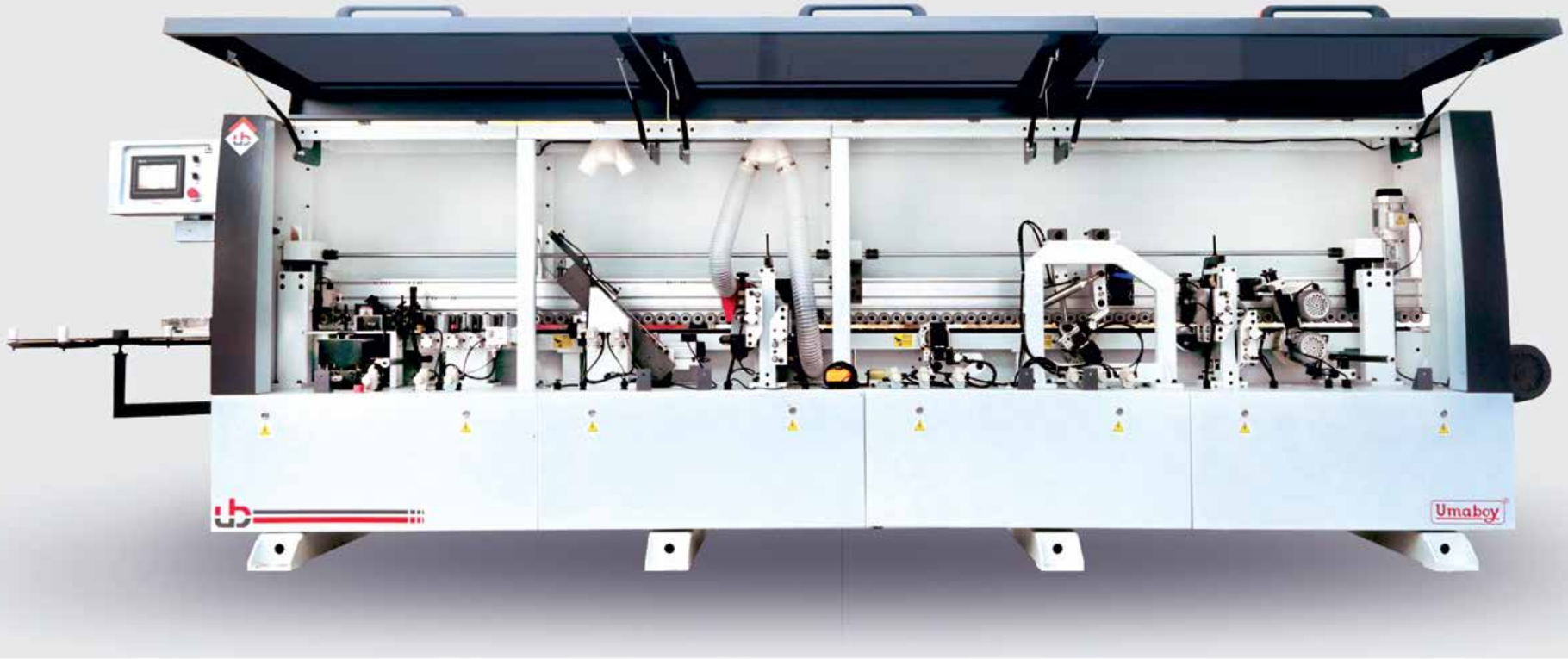
Model	540 PC
Electric Level	415-220/50 hz
Edge Material Thickness	0.4-3 mm
Panel Thickness	10-50 mm
Minimum Width Of The Panel	60 mm
Minimum Leangth Of The Panel	130 mm
Conveyer Speed	12 m/min
Conveyer Thickness Adjustment	Electric
Conveyer Up/down	0.18 KW
Total Electric Power	12 KW
Total Air Pressure	6-8 bars
Pre-milling Motor Power	2x2.2 KW
End Cutting Unit Power	2x0.75kw
Top/bottom Fine-triming Unit Power	2x0.75 KW
Corner Rounding Unit Power	2x0.37 KW
Buffing Unit Power	2x0.37 KW
Overall Size (l X H X W)	5070 X 1600 X 1000

HIGHSPEED AUTOMATIC

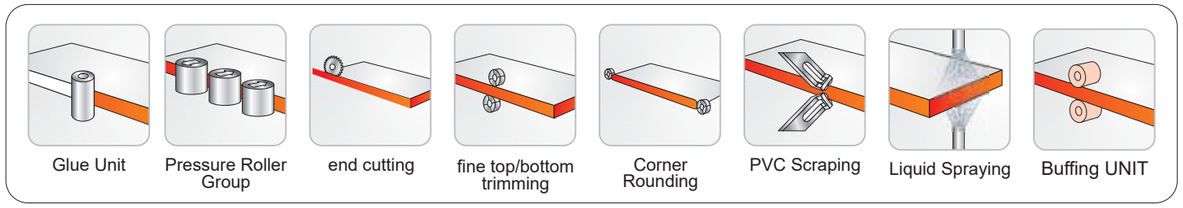
EDGE BANDER / UEB 310 C

Maximum production output with excellent cutting of multiple panels

Umaboy®
Shree Umiya F-Tech Machines



WATCH NOW



The Auto Edge Bander **UEB-310C** is designed to provide maximum output with minimum investment, making it ideal for workshops, factories, and large-scale production environments.

TECHNICAL SPECIFICATIONS

Model	310 C
Electric Level	415-220/50 hz
Edge Material Thickness	0.4-3 mm
Panel Thickness	10-50 mm
Minimum Width Of The Panel	60 mm
Minimum Leangth Of The Panel	130 mm
Conveyer Speed	12 m/min
Conveyer Thickness Adjustment	Electric
Conveyer Up/down	0.18 kw
Total Electric Power	8kw
Total Air Pressure	6-8 bars
End Cutting Unit Power	2x0.75 kw
Top/bottom Fine-triming Unit Power	2x0.75 kw
Corner Rounding Unit Power	2x0.37 kw
Buffing Unit Power	2x0.37 kw
Overall Size (l X H X W)	4600 X 1600 X 1000

UEB-310C is designed to provide maximum output with minimum investment, making it ideal for workshops, factories, and large-scale production environments.

SALIENT FEATURES

- High end machining performance **High speed processing** with user friendly and trouble free operation
- Smart Touch PLC System integrated with encoder controlled every functions of the machines which gives accurate functioning
- **Motorized up-down** of conveyor belt
- Teflon coated glue pot easy for cleaning, 2.5 kg capacity of EVA glue
- **Safety air tank** for constant supply of air to machine